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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/023,892	12/21/2001	Jeffrey Thomas Watts	T3373-907675	5408

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EXAMINER

BHAT, ADITYA S

ART UNIT PAPER NUMBER

2863

DATE MAILED: 08/26/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Applicant(s)

10/023,892

Applicant(s)

WATTS, JEFFREY THOMAS

Examiner

Aditya S Bhat

Art Unit

2863

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 21 December 2001.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-31 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-3, 5-6, 8-9, 12, 15, 17-18, 20-21, 26-28 and 31 is/are rejected.
- 7) ☐ Claim(s) 4, 7, 10, 11, 13, 14, 16, 19, 21-25, 29 and 30 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 21 March 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☒ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 5.
- 4) ☐ Interview Summary (PTO-413) Paper No(s) \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-3, 5-6, 8-9, 12, 15, 17-18, 20-21, 26-28 and 31 are rejected under 35

U.S.C. 102(b) as being anticipated by Hsiung et al. (USPUB 2003/0083756).

With regards to claim 1, LeCompte et al. (USPUB 2002/0041328) teaches a method for monitoring operation of a spacecraft, comprising:  
retrieving telemetry data from a storage device; (905; See figure 9)  
processing the telemetry data; (901; See figure 9)  
and  
making the processed telemetry data accessible on a network. (1132; See figure 11)

With regards to claim 12, Hsiung et al. (USPUB 2003/0083756) teaches a system for monitoring operation of a spacecraft, comprising:  
a storage device for storing telemetry data; (1121; See figure 11)  
a processor for processing the telemetry data; (1100; See figure 11) and a communications module, which makes the processed telemetry data accessible on a network. (1130; See figure 11)

With regards to claim 21, LeCompte et al. (USPUB 2002/0041328) teaches a method for providing an interactive website which relates to spacecraft operation, comprising:  
displaying information on said website which provides an indication of how to obtain data relating to spacecraft operation; (Page 20, paragraph 0238)  
receiving a request from a user for said data (Page 20, paragraph 0238)  
retrieving said data from a storage device in response to said request; (See figure 11) and processing said data retrieved in said generating step. (1100; See figure 11)

With regards to claim 31, LeCompte et al. (USPUB 2002/0041328) teaches a method for monitoring operation of a spacecraft, comprising:

Art Unit: 2863

receiving telemetry data from the spacecraft; (Page 3, paragraph 0019) and making the telemetry data accessible on a network on a real-time basis. (1132; See figure 11)

With regards to claim 2, LeCompte et al. (USPUB 2002/0041328) teaches processing and making steps are automatically performed in response to a request received from a customer or technician. (Page 10, paragraph 0161)

With regards to claim 3, LeCompte et al. (USPUB 2002/0041328) teaches that a request is received through the network. (1132; See figure 11)

With regards to claim 5 and 15, LeCompte et al. (USPUB 2002/0041328) teaches making the processed telemetry data accessible on an Internet website. (Page 20, paragraph 0238)

With regards to claim to Claim 6, LeCompte et al. (USPUB 2002/0041328) teaches Internet website is a secure website. (Page 25, Claim 84)

With regards to claim to Claim 8, LeCompte et al. (USPUB 2002/0041328) teaches retrieving, processing, and making steps are automatically performed on a periodic basis. (Page 26, paragraph 0419)

With regards to claim to Claim 13, Hsiung et al. (USPUB 2003/0083756) teaches that a processor controls the communications module to automatically send the processed telemetry data through the network in response to an electronic request. (See figure 11)

With regards to claim to Claim 17, LeCompte et al. (USPUB 2002/0041328) teaches processor automatically processes the telemetry data on a periodic basis. (Page 1, paragraph 0003)

With regards to claim to Claim 18, LeCompte et al. (USPUB 2002/0041328) teaches processor controls the communications module to automatically send the processed telemetry data through the network on said periodic basis. (see figure 11)

With regards to claim to Claim 26, LeCompte et al. (USPUB 2002/0041328) teaches information is an electronic form. (See figure 11)

With regards to claim to Claim 27, Hsiung et al. (USPUB 2003/0083756) teaches electronic form includes a data entry window for allowing a user to specify at least one of a particular spacecraft and a type of data corresponding to operation of said particular spacecraft. (1112, 1161; See figure 11)

With regards to claim to Claim 28, Hsiung et al. (USPUB 2003/0083756) teaches processing step includes: generating a graph of said operation data over a predetermined period of time, and wherein said displaying step includes displaying said graph. (See figure 7 & 1112; figure 11)

Art Unit: 2863

With regards to claim to Claim 9, LeCompte et al. (USPUB 2002/0041328) teaches automatically sending the processed telemetry data to the customer or technician through said network. (1132; See figure 11)

### ***Claim Objections***

Claim 21 is objected to because of the following informalities: The fourth step in claim 21 recites "processing said data retrieved in said generating step". There is no antecedent basis for the generating step. Appropriate correction is required.

Claims 4,7,10-11, 13-14, 16, 19, 22-25 and 29-30 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Hsiung et al. (USPUB 2003/0083756) teaches a temporary expanding integrated monitoring network, Gilbert et al.(USPUB 2003/0032426) teaches a aircraft data and voice communications system and method, Ray et al. (USPN 5,878,345) teaches a antenna for non-terrestrial mobile telecommunication system, Webb (USPUB 2002/0023654) teaches a human language translation of a patient session information from implantable medical devices, Ray et al. (USPN 5,878,346) teaches a non-terrestrial cellular mobile telecommunication network, Ray et al. (USPN 6,108,539) teaches a non-terrestrial cellular mobile telecommunication station, and Devereux et al. teaches a global positioning system (GPS) linked satellite and missile communication systems


Art Unit: 2863

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Aditya S Bhat whose telephone number is 703-308-0332. The examiner can normally be reached on M-F 9-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Barlow can be reached on 703-308-3126. The fax phone numbers for the organization where this application or proceeding is assigned are 703-308-5841 for regular communications and 703-308-5841 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0956.

Aditya S. Bhat  
August 9, 2003



John Barlow  
Supervisory Patent Examiner  
Technology Center 2800